

**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C. 1251 et. seq.; the "Act") and Chapter 342D, Hawaii Revised Statutes, and Chapters 11-54 and 11-55, Administrative Rules, Department of Health (DOH), State of Hawaii,

SCD ML II, LLC

(hereinafter "PERMITTEE"),

is authorized to discharge storm water associated with the construction activities from the Kulalani at Mauna Lani Resort project site between the following discharge points in accordance with the general requirements, discharge monitoring requirements and other conditions set forth herein, and in the attached DOH "Standard NPDES Permit Conditions," dated December 31, 2002:

Pacific Ocean, Marine, Class AA, Latitude 19°56'57"N and Longitude 155°51'57"W, and
Pacific Ocean, Marine, Class AA, Latitude 19°56'55"N and Longitude 155°52'00"W

All references to Title 40 of the Code of Federal Regulations (CFR) are to regulations that are in effect on July 1, 2001, except as otherwise specified. Unless otherwise specified herein, all terms are defined as provided in the applicable regulations in Title 40 of the CFR.

This permit will become effective _____.

This permit and the authorization to discharge will expire at midnight, **December 31, 2008.**

Signed this ____ day of _____, 2005.

(For) Director of Health

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ATTACHMENTS.	STANDARD NPDES PERMIT CONDITIONS, Updated as of December 31, 2002 SOLID WASTE DISCLOSURE FORM FOR CONSTRUCTION SITES

A. GENERAL REQUIREMENTS

The Permittee shall:

1. Comply with all materials submitted in and with the application, dated January 31, 2005 and the subsequent submittal dated April 4, 2005.
2. Retain a copy of the application, including other related materials, and this permit at the job site or at a nearby field office.
3. Design, operate, implement, and maintain the project site BMPs Plan to ensure that storm water discharges associated with construction activities will not cause or contribute to a violation of applicable state water quality standards.
4. Implement the project site BMPs Plan as often as needed to improve the quality of storm water discharges or when instructed by the director.
5. Not cause or contribute to a violation of the basic water quality criteria as specified in Hawaii Administrative Rules (HAR), Chapter 11-54, Section 11-54-04.
6. Submit the following site-specific information on the Clean Water Branch (CWB) NOI Form C (Rev. 9/30/2004), as applicable, to the CWB for review and comment at least 30 days prior to the start of construction activities:
 - a. Section 3. - General contractor information;
 - b. Section 13.a.iv. - A map or drawing showing the location of the construction base yard and/or staging area;
 - c. Section 13.b.v. - County-approved erosion and sediment control plan and/or county-approved grading permit; and
 - d. Section 13.b.vi - Updated construction schedule.

All related concerns and/or comments pertaining to the above listed items shall be properly addressed to the CWB's satisfaction before the start of construction activities.

7. Immediately stop, reduce, or modify construction, or implement new or revised best management practices as needed to stop or prevent a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-04.
8. Inspect, at a minimum of once per week, the receiving state waters, storm water

runoff and control measures and best management practices to detect violations of and conditions which may cause or contribute to a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-04. (e.g., the permittee shall look at storm water discharges and receiving state waters for turbidity, color, floating oil and grease, floating debris and scum, materials that will settle, substances that will produce taste in the water or detectable off-flavor in fish, and inspect for items that may be toxic or harmful to human or other life.)

9. Review the effectiveness and adequacy of the implemented site-specific BMPs Plan(s) and Sediment and Erosion Control Plan(s) at a minimum of once per week, and update the plan as often as necessary. Any changes(s) to the site-specific BMPs Plans and/or Sediment and Erosion Control Plans or correction(s) to information already on file with the DOH shall be submitted to the CWB as such change(s) or correction(s) arises.
10. Submit signed copies of all reports required by this permit to the director at the following address or as otherwise specified:

Director of Health
Clean Water Branch
Environmental Management Division
Department of Health
P.O. Box 3378
Honolulu, HI 96801-3378

11. Include the following certification statement and signature on each submittal in accordance with HAR, Chapter 11-55, Section 11-55-07(b):

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations."

Include the NPDES permit number on each submittal. Failure to provide the assigned NPDES permit number for this facility on future correspondence or submittals may be a basis for delay of the processing of the document(s).

12. Submit any changes to information on file with the DOH as soon as changes arise.

B. REPORTING REQUIREMENTS

The Permittee shall:

1. Complete and submit the enclosed Solid Waste Disclosure Form for Construction Sites to the Office of Solid Waste Management as specified on the form.
2. Submit any changes to information on file with the CWB as soon as changes arise. The Permittee shall properly address all related concerns and/or comments to the DOH's satisfaction.
3. Notify the CWB upon termination of the discharge activities.
4. Immediately notify the director of the incident and identify the pollutant(s) source(s) and the proposed and implemented control or mitigative measures as required in Section 16 of DOH "Standard NPDES Permit Conditions," dated December 31, 2002.

C. BEST MANAGEMENT PRACTICES

1. The Permittee shall:
 - a. Refrain from performing any work during heavy rainstorms.
 - b. Prevent loose particles, sand, soil, silt, and other construction debris at the project site from being washed away by storm water runoff to the various swales and drainage ways and eventually to the State waters.
 - c. Remove excavated materials as soon as possible or at the end of each work day. The excavated materials shall be disposed of to a State and/or County approved landfill site.
 - d. Not discharge water used for dust control to State waters.
 - e. Not discharge water used for irrigation to State waters.
 - f. Not discharge hydrotesting effluent to State waters.
 - g. Not stockpile materials on-site.
 - h. Wash-down vehicles and/or equipment and concrete truck drums only at designated areas, as show on the Erosion Control Plan, and not discharge the wash waters to State waters.
 - i. Assure that the implemented BMPs are effective and the discharge effluent is in compliance with the basic State water quality standards.
 - j. Limit the “disturbance of land”, as referenced in HAR, Appendix C, to a maximum of 20 acres per drainage area. The area of land disturbance may be reduced by the Director for water pollution control purposes. On a case-by-case situation, the Director may allow additional area to be disturbed provided that the Permittee can demonstrate to the Director’s satisfaction that the additional disturbance area will not cause or contribute to a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-04.
2. The following special conditions apply to all land disturbance work conducted under this permit:
 - a. Construction Management Techniques
 - (1) Clearing and grubbing shall be held to the minimum necessary for grading and equipment operation.
 - (2) Construction shall be sequenced to minimize the exposure time of the

cleared surface area.

- (3) Construction shall be staged or phased for large projects. Areas of one phase shall be stabilized before another phase is initiated. Stabilization shall be accomplished by temporarily or permanently protecting the disturbed soil surface from rainfall impacts and runoff.
- (4) Erosion and Sediment Control Measures shall be in place and functional before earth moving operations begin. These measures shall be properly constructed and maintained throughout the term of the project.
- (5) All control measures shall be checked and repaired as necessary, for example, weekly in dry periods and within 24 hours after any rainfall of 0.5 inches or greater within a 24-hour period. During prolonged rainfall, daily checking is necessary. The permittee shall maintain records of checks and repairs.
- (6) The permittee shall maintain records of the duration and estimated volume of storm water discharge(s).
- (7) A specific individual shall be designated to be responsible for Erosion and Sediment Controls on each project site.

b. Vegetation Controls

- (1) Pre-construction vegetative ground cover shall not be destroyed, removed, or disturbed more than 20 calendar days prior to land disturbance.
- (2) Temporary soil stabilization with appropriate vegetation shall be applied on areas that will remain unfinished for more than 30 calendar days.
- (3) Permanent soil stabilization with perennial vegetation or pavement shall be applied as soon as practical after final grading. Irrigation and maintenance of the perennial vegetation shall be provided for 30 calendar days or until the vegetation takes root, whichever is shorter.

c. Structural Controls

- (1) Storm water flowing toward the project area shall be diverted by using appropriate control measures, as practical.
- (2) Erosion Control Measures shall be designed according to the size of

disturbed or drainage areas to detain runoff and trap sediment.

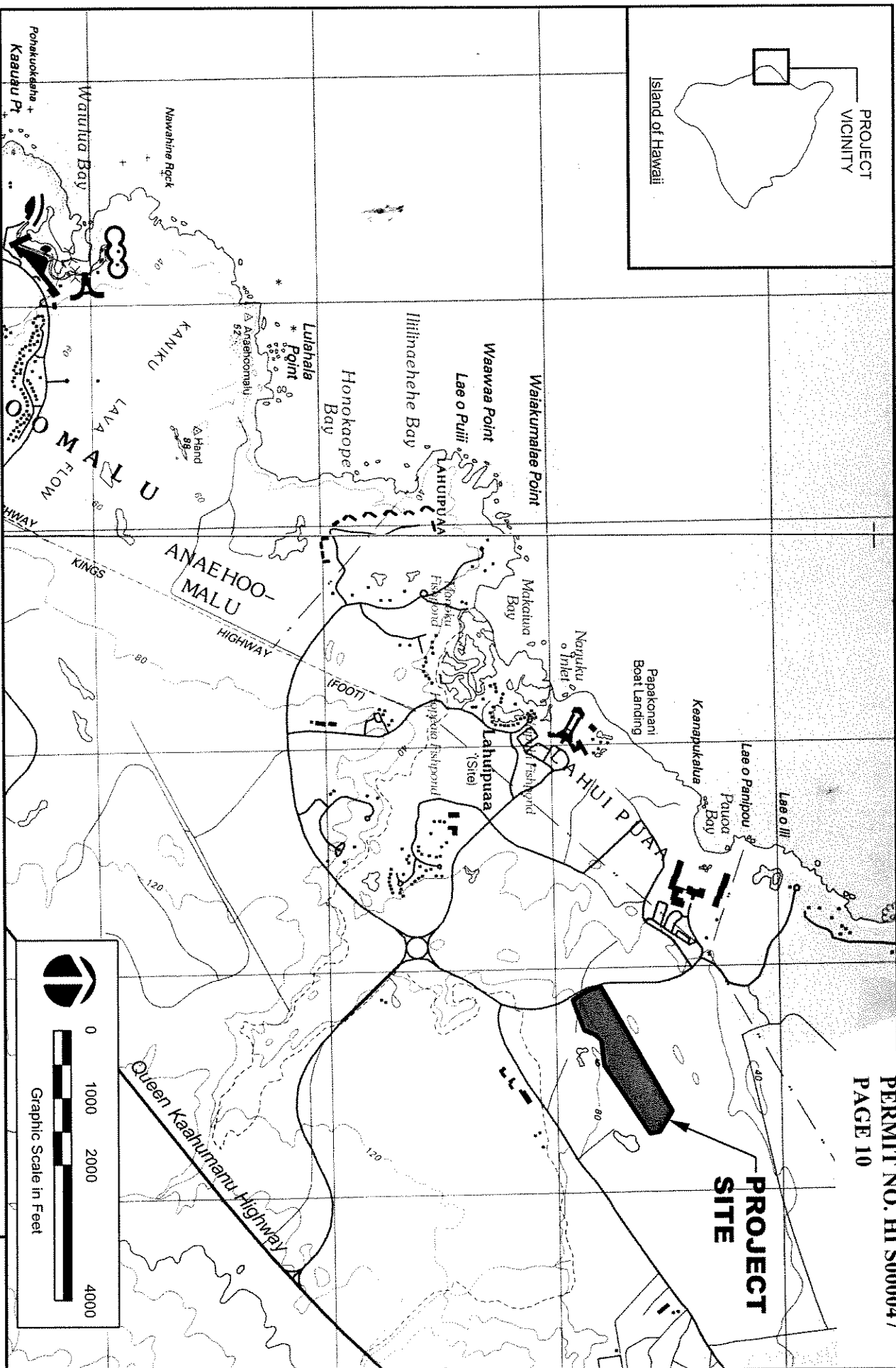
- (3) Water must be discharged in a manner that the discharge shall not cause or contribute to a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-04.

D. MAPS

See attached Location Map and Discharge Point Maps.
Attachments 1 to 6.

04023PDCL.05b

Attachment 1



**WILSON OKAMOTO
CORPORATION
ENGINEERS - PLANNERS**

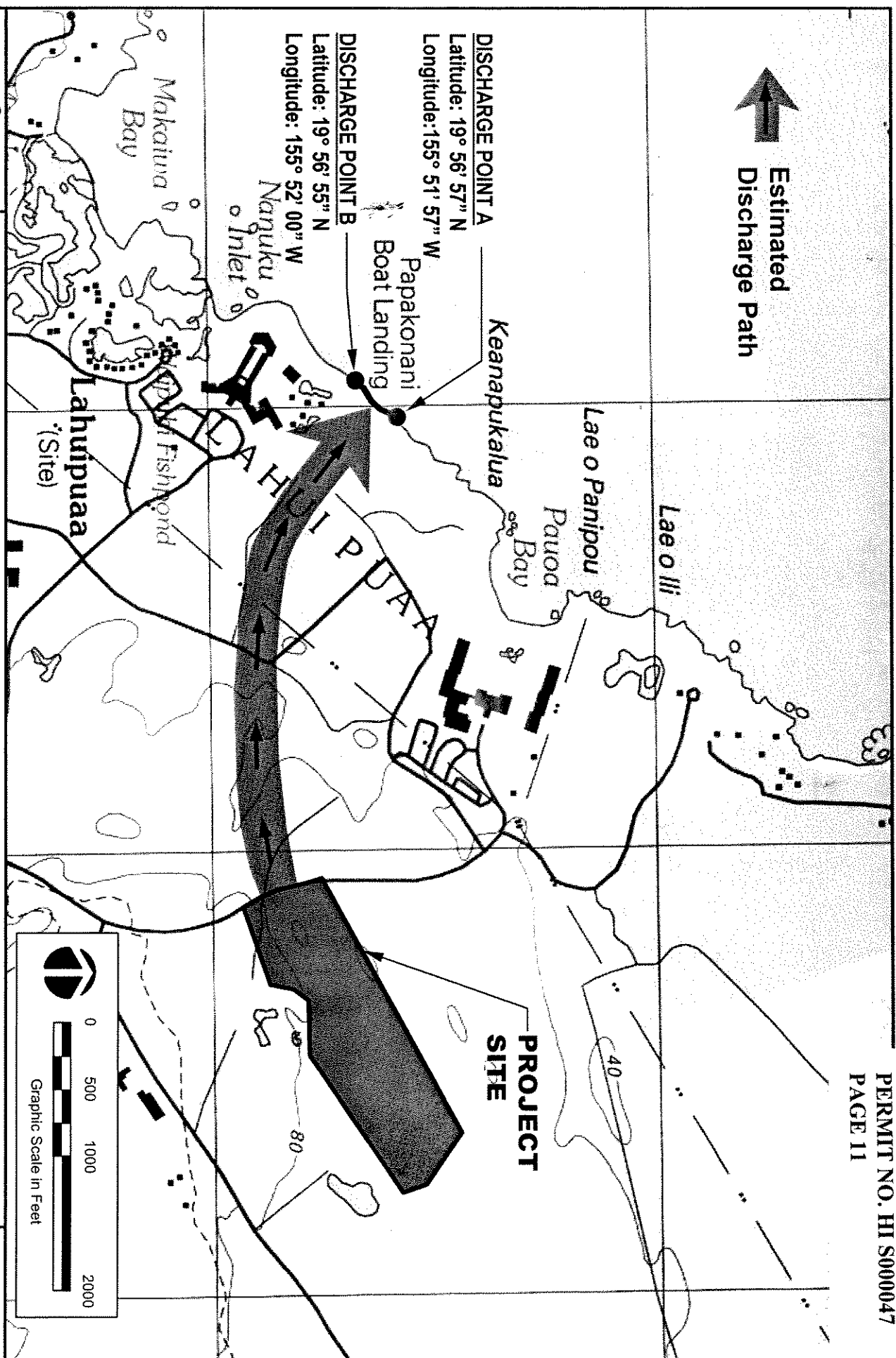
KULALANI AT MAUNA LANI RESORT

LOCATION MAP

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April 21, 2005

Attachment I



WILSON OKAMOTO
CORPORATION
ENGINEERS - PLANNERS

KULALANI AT MAUNA LANI RESORT

LOCATIONS OF DISCHARGE POINTS

Draft Public Notice Permit

April 21, 2005

KEY PLAN



NO.	DATE	DESCRIPTION
1	06/08/22	ISSUED FOR PERMIT
2	06/08/22	REVISION
3	06/08/22	REVISION
4	06/08/22	REVISION
5	06/08/22	REVISION

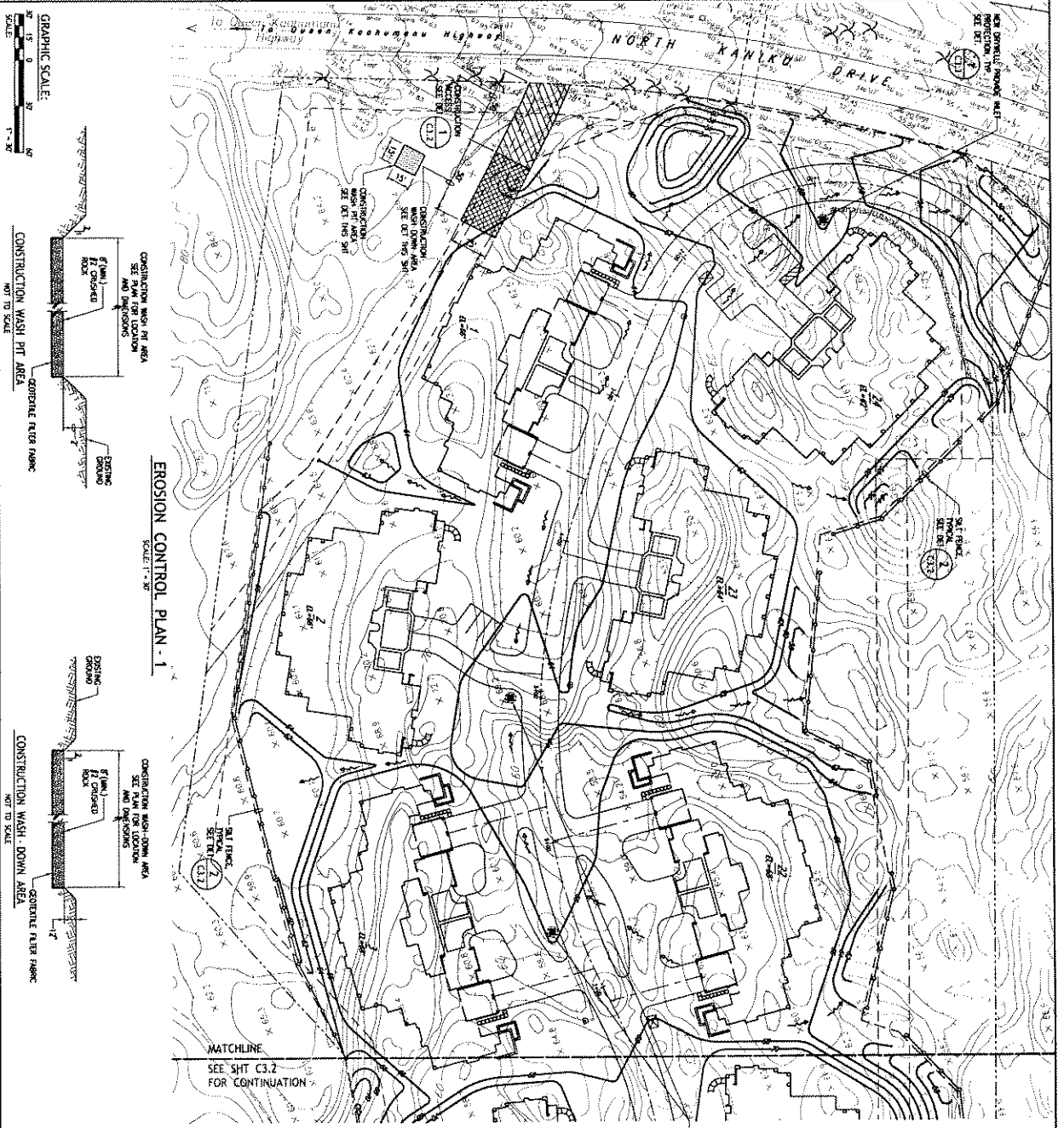
ARCHITECTURE 20/20, INC.
 ARCHITECTURE • PLANNING • INTERIOR
 725 Kapiolani Boulevard, Suite 402
 Honolulu, Hawaii 96813

KULALANI @ MAUNA LANI
 MAUNA LANI RESORTS
 Kohala Coast, Hawaii, TMK: 06-08-22-7

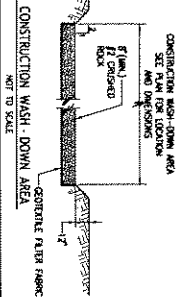
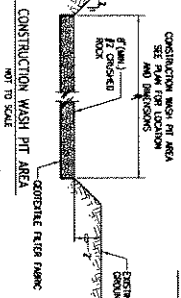
EROSION CONTROL PLAN
 SHEET 12 OF 12
 DATE: 06/08/22

Attachment 3

- BEST MANAGEMENT PRACTICES NOTES**
1. CONSTRUCTION SHALL PROTECT AND MAINTAIN EXISTING VEGETATION TO THE MAXIMUM EXTENT POSSIBLE. ANY REMOVAL OF VEGETATION SHALL BE REPLANTED WITH NATIVE PLANTS AND TREES OF SIMILAR SIZE AND SPECIES. THE CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS INCLUDING LAND FORM REVISIONS OF THE ORIGINAL ROCK AREA AS REQUIRED.
 2. SLOPES AND EXPOSED ROCKS SHALL BE SLOPED OR PLANTED AS SHOWN ON THE PLAN. ALL EXPOSED ROCKS SHALL BE COVERED WITH 18" OF TOP SOIL AND PLANTED WITH NATIVE PLANTS AND TREES OF SIMILAR SIZE AND SPECIES. THE CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS INCLUDING LAND FORM REVISIONS OF THE ORIGINAL ROCK AREA AS REQUIRED.
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 4. ALL BEST MANAGEMENT PRACTICES (BMPs) SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION SHALL PROTECT AND MAINTAIN EXISTING VEGETATION TO THE MAXIMUM EXTENT POSSIBLE. ANY REMOVAL OF VEGETATION SHALL BE REPLANTED WITH NATIVE PLANTS AND TREES OF SIMILAR SIZE AND SPECIES. THE CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS INCLUDING LAND FORM REVISIONS OF THE ORIGINAL ROCK AREA AS REQUIRED.
 5. CONSTRUCTION SHALL PROTECT AND MAINTAIN EXISTING VEGETATION TO THE MAXIMUM EXTENT POSSIBLE. ANY REMOVAL OF VEGETATION SHALL BE REPLANTED WITH NATIVE PLANTS AND TREES OF SIMILAR SIZE AND SPECIES. THE CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS INCLUDING LAND FORM REVISIONS OF THE ORIGINAL ROCK AREA AS REQUIRED.
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 7. CONSTRUCTION SHALL PROTECT AND MAINTAIN EXISTING VEGETATION TO THE MAXIMUM EXTENT POSSIBLE. ANY REMOVAL OF VEGETATION SHALL BE REPLANTED WITH NATIVE PLANTS AND TREES OF SIMILAR SIZE AND SPECIES. THE CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS INCLUDING LAND FORM REVISIONS OF THE ORIGINAL ROCK AREA AS REQUIRED.
 8. AT THE END OF THE CONSTRUCTION PERIOD, EXISTING CATCH BASINS AND DRAINAGE SYSTEMS SHALL BE RESTORED TO ORIGINAL CONDITION AND ALL SOILS SHALL BE REPLANTED WITH NATIVE PLANTS AND TREES OF SIMILAR SIZE AND SPECIES. THE CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS INCLUDING LAND FORM REVISIONS OF THE ORIGINAL ROCK AREA AS REQUIRED.
 9. CONSTRUCTION SHALL PROTECT AND MAINTAIN EXISTING VEGETATION TO THE MAXIMUM EXTENT POSSIBLE. ANY REMOVAL OF VEGETATION SHALL BE REPLANTED WITH NATIVE PLANTS AND TREES OF SIMILAR SIZE AND SPECIES. THE CONSTRUCTION SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS INCLUDING LAND FORM REVISIONS OF THE ORIGINAL ROCK AREA AS REQUIRED.



GRAPHIC SCALE:
 0 10 20 30
 FEET
 0 10 20 30
 METERS



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True North
Scale 1 in. = 50 ft.

SILT REFINES

UNIT OF GRADING	EXISTING CONTOUR	EXISTING SPOT ELEVATION	NEW PROFILE
1.0	1.5	2.5	3.0

NEW BUREAU, PHONE INLET
PROTECTION, TP.
SEE DET.

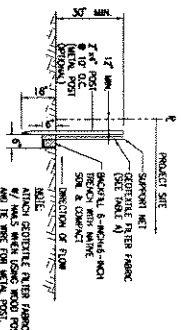


TABLE A - GEOTEXTILE REQUIREMENTS	
PHYSICAL PROPERTY	REQUIREMENTS
GRASS ROOTS STRENGTH	225 LB. (ASTM D1681)
DISINTEGRATION FAILURE	50% (ASTM D1681)
WALLS ROOT STRENGTH	140 LB. (ASTM D1681)
PORE FLOW CAPACITY	125 LB. (ASTM D1681)
ULTRAVIOLET DEGRADING	50% (ASTM D1681) (ASTM D1681)

NOT TO SCALE

[illegible]

Kohala Coast, Hawaii, TMK: 06-08-22: 7

725 Kapiolani Boulevard, Suite 402
Honolulu, Hawaii 96813

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 Distribution is strictly date stamp
 dependent. If you cannot get
 any more copies.
 This work was prepared by a
 student for his graduation and is
 intended as a project only.
 Please do not distribute.

Michael D. Wright

CITY OF

PART D

PERMIT NO. HI S000047

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KEY PLAN

NO.	DESCRIPTION
1	FLOOR
2	FOUNDATION
3	WALL
4	CEILING
5	ROOF
6	EXTERIOR FINISH
7	INTERIOR FINISH
8	MATERIALS
9	DETAILS
10	NOTES



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